

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-22 (Cancelled).

Claim 23 (Currently Amended): A tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising ~~fiber-on-end~~ fiber-on-end fabric, said covering being coated on only the inside thereof with ~~a nonperforated or nonporous an~~ airtight polymeric material; wherein said covering is configured to form a substantially airtight seal on the limb of a wearer when donned.

Claim 24 (Currently Amended): A tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising [[a]] fabric, polymeric material, and ~~having a docking means for attachment of an external device to the covering, and~~ said covering being coated on the inside thereof with said polymeric material; wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claim 25 (Currently Amended): A tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising fabric, polymeric material, and ~~having a docking means for attaching pads, and~~ wherein said covering being is coated on the inside thereof with polymeric material; and wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claims 26-33 (Cancelled).

Claim 34 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering of claim 24 wherein said external device is a prosthetic device.

Claim 35 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering of claim 24 wherein the docking means ~~is~~ comprises one or more of:

a pin, cable, strap, hook and loop type fastener, snap, or buckle, ~~or button~~.

Claim 36 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering of claim 24 wherein the docking means is incorporated by attachment of an adapter to the outside of the covering.

Claim 37 (Currently Amended): The ~~tube~~ sock-shaped ~~sock-shape~~ covering of claim 23 wherein said fiber-on-end fabric comprises stretchable non-wovens.

Claim 38 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump according to Claim 16, 24, said covering being seamlessly coated directly on the inside thereof with a polymeric material.

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Claim 39 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump according to Claim 16, 24, wherein said polymeric material has a thickness profile such that the polymeric cushioning material is thicker at a closed end of the covering than at an open end.

Claim 40 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump according to Claim 16, 24, wherein said covering is coated on the inside thereof with an uneven distribution of polymeric material, said uneven distribution comprising a thinner posterior middle and upper, and a thicker distal anterior medial and anterior lateral.

Claim 41 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump according to Claim 16, 24, wherein said polymeric ~~cushioning~~ material is arranged in a recess Achilles configuration.

Claim 42 (Currently Amended): The tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump according to Claim ~~16~~, 24, wherein the polymeric material is a gel composition.

Claim 43 (Currently Amended): The ~~cushion liner~~ tube-shaped covering for enclosing an amputation stump according to Claim 24, ~~as claimed in Claim 16~~, wherein the polymeric material ~~comprises at least one member selected from the group consisting of~~ is comprised of a block copolymer and a mineral oil.

Claim 44 (Currently Amended): A tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising ~~fiber-on-end~~ fiber-on-end fabric and polymeric material, said covering being coated directly on the inside thereof with a polymeric material; wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claims 45-46 (Cancelled).

Claim 47 (Currently Amended): A ~~tube-sock~~ tube-shaped covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising fiber-on-end fabric and polymeric material, said covering being coated on the inside thereof with a nonfoamed polymeric material; wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claim 48 (Currently Amended): A ~~tube-sock~~ tube-shaped covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising fiber-on-end fabric and polymeric material, said covering being coated on the inside thereof with a cushioning

polymeric material; wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claim 49 (Currently Amended): A flexible ~~tube-sock~~ tube-shaped covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering having a docking means for attachment of an external device to the covering, and said covering comprises block copolymer; being coated on the inside thereof with a polymeric material wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claim 50 (Currently Amended): A tube-shaped ~~sock-shaped~~ covering for enclosing an amputation stump, said covering having an open end for introduction of said stump and a closed end opposite said open end, said covering comprising ~~fiber-on-end~~ fiber-on-end fabric and polymeric material, said covering being made by a process comprising coating an inside surface of the fabric-on-end fabric with a melt of polymeric material; wherein said covering is configured to form a substantially air-tight seal on the limb of a wearer when donned.

Claims 51-53 (Cancelled).

Claim 54 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a polymer selected from the group consisting of a thermoplastic elastomer, a thermoset elastomer, and mixtures thereof.

Claim 55 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a block copolymer.

Claim 56 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a block copolymer and mineral oil.

Claim 57 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises urethane.

Claim 58 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises rubber.

Claim 59 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises rubber and mineral oil.

Claim 60 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a thermoset elastomer.

Claim 61 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises silicone.

Claim 62 (New): A tube-shaped covering according to claim 24, wherein said fabric comprises fiber-on-end fabric.

Claim 63 (New): A tube-shaped covering according to claim 24, having a length from closed end to open end of from 10-25 inches.

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Claim 64 (New): A tube-shaped covering according to claim 24, wherein said polymeric material has a thickness varying from 0.150-0.500 inches.

Claim 65 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a biocide.

Claim 66 (New): A tube-shaped covering according to claim 24, wherein said polymeric material comprises a vitamin.

Claim 67 (New): A tube-shaped covering of claim 25 wherein the docking means comprises one or more of:

a pin, cable, strap, hook, snap, or buckle.

Claim 68 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 25, said covering being seamlessly coated directly on the inside thereof with a polymeric material.

Claim 69 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 25, wherein said polymeric material has a thickness profile such that the polymeric cushioning material is thicker at a closed end of the covering than at an open end.

Claim 70 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 25, wherein said covering is coated on the inside thereof with an uneven distribution of polymeric material, said uneven distribution comprising a thinner posterior middle and upper, and a thicker distal anterior medial and anterior lateral.

Claim 71 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 25, wherein said polymeric cushioning material is arranged in a recess Achilles configuration.

Claim 72 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a polymer selected from the group consisting of a thermoplastic elastomer, a thermoset elastomer, and mixtures thereof.

Claim 73 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a block copolymer.

Claim 74 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a block copolymer and mineral oil.

Claim 75 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises urethane.

Claim 76 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises rubber.

Claim 77 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises rubber and mineral oil.

Claim 78 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a thermoset elastomer.

Claim 79 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises silicone.

Claim 80 (New): A tube-shaped covering according to Claim 25, wherein said fabric comprises fiber-on-end fabric.

Claim 81 (New): A tube-shaped covering according to Claim 25, having a length from closed end to open end of from 10-25 inches.

Claim 82 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material has a thickness varying from 0.150-0.500 inches.

Claim 83 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a biocide.

Claim 84 (New): A tube-shaped covering according to Claim 25, wherein said polymeric material comprises a vitamin.

Claim 85 (New): A tube-shaped covering of claim 49 wherein the docking means comprises one or more of:

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Cand a pin, cable, strap, hook, snap, or buckle.

Claim 86 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 49, said covering being seamlessly coated directly on the inside thereof with a polymeric material.

Claim 87 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 49, wherein said covering has a thickness profile such that the covering is thicker at a closed end of the covering than at an open end.

Claim 88 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 49, wherein said has an uneven distribution of polymeric material, said uneven distribution comprising a thinner posterior middle and upper, and a thicker distal anterior medial and anterior lateral.

Claim 89 (New): A tube-shaped covering for enclosing an amputation stump according to Claim 49, wherein said covering is arranged in a recess Achilles configuration.

Claim 90 (New): A tube-shaped covering according to Claim 49, wherein said covering further comprises mineral oil.

Claim 91 (New): A tube-shaped covering according to Claim 49, having a length from closed end to open end of from 10-25 inches.

Claim 92 (New): A tube-shaped covering according to Claim 49, wherein said covering has a thickness varying from 0.150-0.500 inches.

Claim 93 (New): A tube-shaped covering according to Claim 49, wherein said covering comprises a biocide.

Claim 94 (New): A tube-shaped covering according to Claim 49, wherein said covering comprises a vitamin.

Claim 95 (New): A tube-shaped covering according to claim 24, wherein said fabric comprises a stretchable nonwoven.

Claim 96 (New): A tube-shaped covering according to claim 25, wherein said fabric comprises a stretchable nonwoven.
